

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Cernea et al.  
Title: Flexible and Area Efficient Column Redundancy for Non-Volatile Memories  
Application No.: 10/751,097 Filing Date: December 31, 2003  
Examiner: Unknown Group Art Unit: Unknown  
Docket No.: SNDK.269US0 Conf. No.: Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**OFFICIAL**

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POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

Sir:

SanDisk Corporation, a Delaware corporation, hereby revokes all powers of attorney previously given and appoints the following attorneys specifically and solely to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

Gerald P. Parsons, Reg. No. 24,486  
James S. Hsue, Reg. No. 29,545  
K. Alison de Runtz, Reg. No. 37,119

Please direct all communications in connection with the above-identified patent application to:

Parsons Hsue & de Runtz LLP  
655 Montgomery Street, Suite 1800  
San Francisco, CA 94111  
Telephone No.: (415) 318-1160  
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SNDK.269US0

**ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(B)**

The undersigned hereby certifies that SanDisk Corporation is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventor(s) to SanDisk Corporation, as shown by the attached copy of an Assignment from the inventor(s), which is being separately recorded.

The undersigned is empowered to sign this certificate on behalf of SanDisk Corporation.

4/16/04

Date

Name: Charles Van Orden

Title: Vice President and General Counsel

4-20-04

Date

Name: Michael Gray

Title: Sr. Vice President and Chief Financial Officer

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Attorney Docket No.: SNDK.269US0

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, we

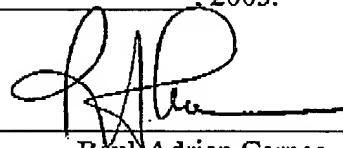
**Raul-Adrian Cernea and Yan Li**

hereby sell, assign and transfer to SanDisk Corporation, a Delaware corporation, having a place of business at 140 Caspian Court, Sunnyvale, CA 94089, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

**Flexible and Area Efficient Column Redundancy for Non-Volatile Memories**

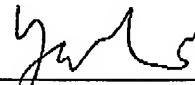
for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 23<sup>rd</sup> day of December, 2003.



Raul-Adrian Cernea

Executed this 19 day of December, 2003.



Yan Li

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